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**Typed or Printed Name** Susan M. Alessi Signature Date Alisa" Attorney Docket No. **KINE-024** Restriction Election Confirmation No. 5240 First Named Inventor T. Yoganathan **Application Number** 09/960,643 Address to: Filing Date September 20, 2001 **Assistant Commissioner for Patents** Washington, D.C. 20231 Group Art Unit 1632

**Examiner Name** 

CAMK-X1 and its Uses

Sir:

This amendment is responsive to the Restriction Requirement dated January 27, 2003 for which a one-month period for response was given.

Title:

Please amend the application as follows:

**RECEIVED** 

R. Shukla

FEB 2 6 2003

TECH CENTER 1600/2900

USSN: 09/960,643

- 1. (original) An isolated nucleic acid molecule comprising a cDNA sequence encoding a mammalian CaMK-X1 protein that will hybridize under stringent conditions of 50°C or higher in the presence of 0.1XSSC to the sequence set forth in SEQ ID NO:1.
- 2. (original) An isolated nucleic acid according to Claim 1, wherein said cDNA sequence is of human origin.
- 3. (original) An isolated nucleic acid molecule according to Claim 2, wherein said mammalian CaMK-X1 protein comprises the sequence set forth in SEQ ID NO:2.
- 4. (original) An isolated nucleic acid molecule according to Claim 3, wherein said nucleic acid comprises the nucleotide sequence of SEQ ID NO:1.
- 5. (original) An isolated nucleic acid molecule consisting essentially of a sequence of at least 500 contiguous nucleotides of the sequence set forth in SEQ ID NO:1.
  - 6. (original) The nucleic acid of Claim 1, further comprising a vector sequence.
- 7. (original) The nucleic acid of Claim 6, wherein said vector comprises a transcription cassette operably linked to said CaMK-X1 cDNA sequence.
  - 8. (original) The nucleic acid of Claim 7, wherein said vector is a plasmid.
  - 9. (original) The nucleic acid of Claim 7, wherein said vector is a retrovirus.
  - 10. (original) The nucleic acid of Claim 7, wherein said vector is an adenovirus.

Claims 11-15 (canceled)

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